





# The New Hampshire.

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DURHAM, N. H., MARCH 31, 1917

## EDITORIALS.

### THE ALUMNI ISSUE.

This issue marks the first of two special numbers for this year. A few of the alumni have been asked to contribute articles and the response has been gratifying both from the standpoint of quantity and of quality.

The underclassman of today, who has spent a year or more with our Alma mater and has heard nothing of the alumni as an organized group or as an association, is pretty apt to feel that the alumni as a whole have lost interest in our institution. This is doing the alumnus an injustice, but it is true that the association has been somewhat dormant in the past few years. To those who have their ears to the ground, it is becoming evident that a new era of closer, more efficient organization of the alumni is surely bound to date from the annual meeting next June.

A big debt is owed to these former students for the information, advice and worldly wisdom rendered us, and it is sincerely hoped that they will not soon forget the practice of writing us whenever they feel that they can be of help to us. A closer union of past and present will make a better future for New Hampshire.

### PREPAREDNESS.

New Hampshire College has ever been an exponent of preparedness through the military system that has been in vogue here for so long. Only a few months ago, a unit of the Reserve Officers Training Corps was established here; and now in this time of national crisis, everything possible is being done to further the cause of our native land.

There are two immediate ways for us to do our part. You of the Alumni, who responded so well when the call for New Hampshire Day funds was issued, do so doubly well when you receive your card from the local section of the Intelligence Bureau. Fill it out and return it at once. Delay is dangerous; the information is needed.

We of the student body should not hesitate a moment in asking for daily drill. Daily drill from now until Commencement means four hundred men better prepared to serve themselves, or to train others to serve. We did it last fall and survived, and we owe it to our Alma mater and to our country to do it now.

### WHO IS TO BLAME?

In the Manchester Union for March twentieth there was an account of a certain Nute high school's basketball season. According to the write-up, the team had a most successful season, winning, among other games, one from New Hampshire college.

It is bad enough to have the papers report contests won from local independ-

ent teams by big prep schools and academies, but when high schools in the state are touted as winning from a college team, somebody has slipped somewhere. No matter which end of the line the trouble started, the effect is all the same. The only thing, the right thing is for the people responsible for the flagrant misrepresentation to make a public announcement of their error. Our athletic teams have not yet reached that harbor of safety where they can afford to disdainfully overlook such mean tactics as were brought to light in that newspaper account.

### THE DRAMATIC CLUB.

House parties aren't so very far off and the matter of entertainment is one of the important questions. Last year the Dramatic Club helped out wonderfully with its creditable performance in Dover. Not only was the play a source of enjoyment but it did much to make the visitors feel that this was a live college.

Preparing a play is work, and hard work. It takes time, skill, brains and patience—but it is worth all that is put into it. If for no other reasons than obligation to college, maintenance of reputation as actors in good standing, providing entertainment during house-parties, and the grit to carry through to completion a thing once started, the college Dramatic Club ought to "come across" before Commencement.

## COLLEGE CREDIT FOR WAR VOLUNTEERS.

At a meeting of the Administration committee, March 29, 1917 it was voted that in the event of a declaration of war by our National Congress and the subsequent call for volunteers all Senior students who are commissioned or who enlist in the service prior to commencement day and whose scholastic standing at the time of enlistment is satisfactory be recommended to the trustees of the College for their baccalaureate degree; also that all other students who are commissioned or who enlist prior to the end of this semester be given final mark in the subjects they are now taking based upon their standing in the subjects at the time of enlistment.

### ENGINEERS TO TAKE EXTENSIVE TRIP TO BIG NEW YORK PLANTS.

Thursday morning, April 5, the Juniors and Seniors of the Electrical and Mechanical Engineering Departments leave Durham upon the annual engineering instruction trip, under the direction of Dean C. E. Hewitt.

Going by way of Boston, they will arrive in Pittsfield, Mass., in the early afternoon, where the first stop will be made. The entire afternoon will be spent in going over the General Electric Company's transformer works; the party leaving for Schenectady, N. Y., in the early evening.

All of Friday will be spent in a tour of the extensive plant of the General Electric Company in Schenectady, and Saturday morning will be taken up at the locomotive works of this city. Saturday afternoon, the party will visit the hydro-electric development at Schaghticoke.

### A PLEA FROM THE SECRETARY OF THE ALUMNI ASSOCIATION.

New Hampshire College opened its doors in Hanover, 50 years ago. Let us get together and come back and celebrate it.

This year according to rule, the classes of '72, '77, '82, '87, '92, '97, '02, '07, '12 and '14 are due for a comeback, and the faster come back the better; especially '92 for it will be that class's twenty-fifth anniversary.

The class of 1912 is coming in full force. Get busy some of you others and see what you can do.

A prize of ten dollars will be given to the class, who turns out the largest percent of attendance; distance of travel being considered. Save your money now, you may not get another chance as good as this.

For some time, numerous inquiries have come in regarding the officers of various classes; and 1910 is the only class on record as having an organization. If any classes have officers please report the fact to T. J. Laton at Durham, as secretary of the Alumni Association.

At the next Agricultural club meeting, Mr. H. P. Young will discuss the relation of population to production as it is treated in farm management.

## SHEEP-RAISING, SUBJECT OF AGGIE CLUB LECTURE

C. W. Stone Gives Interesting Talk on a Formerly Flourishing Industry Now Neglected

Mr. C. S. Stone, superintendent of the college farm, spoke upon the subject of "Sheep Husbandry in New Hampshire," at the Agricultural club meeting last Monday night. In introducing his subject he briefly outlined the history of the growth of the sheep industry from Biblical days to the present time, and then treated the status of the business since 1850 more intensively.

Sheep-raising in New Hampshire reached its highest development as an industry in 1850, when there were over 384,000 of the animals of taxable age on the farms. This figure in reality represented a total of 500,000 animals of all ages. At this time sheep were kept for wool only.

The reduction of the tariff on woolen goods caused a noticeable decline in numbers by 1860, and then the lure of the West, which attracted the young men beyond the borders of the state, and the excitement and uncertainty of war, caused further decrease. The panic of 1870 caused the reduction to continue and it did so until 1910. Since that year a small increase has taken place and it is highly desirable that it should continue.

### SHEEP ARE PROFITABLE

Among the valid reasons for keeping sheep as a part of the farm business are the following: (1) they are profitable, (2) they improve our pastures, (3) help solve the farm labor problem, (4) aid in solving the grain problem, (5) the products—wool and meat—find a ready sale, and (6) there is need that New Hampshire farms should carry more stock. When properly cared for and skillfully managed, sheep will return a profit over cost of feed, labor, and care of \$10 to \$12 per ewe, and even when used as the farm scarengers without much care they will return a profit of from \$4 to \$5 each. With good care and handling, it is possible to secure an increase of 125% and more, whereas scavengers are likely to return only around 33%.

### OBJECTIONS TO SHEEP

The two objections to sheep-raising are damage by dogs and fence requirements. In Mr. Stone's words, "the dog question is one of the most serious mental troubles of our farmers." With a substantial fence, preferably of woven wire, this loss is prevented; but if sheep are killed, settlement can be secured from the town, if owners of the dogs refuse to pay for the damage done.

Mr. Stone's talk was an exceedingly interesting treatment of a subject the importance of which is realized by few students. It gave valuable information upon a branch of farming long neglected in this state.

### OPPORTUNITIES OFFERED TO STUDENTS FOR FARM WORK.

The following persons have written the Agricultural Division for aid in getting men for employment.

Thomas S. French, 151 Morris, Ave., Providence, R. I. wants a young man to manage his farm in Northwood, N. H.

R. M. Sparks, 84 State St., Boston wants a student to take care of a small place including lawn, garden, orchard and tennis court in Hampton, N. H. C. H. Brackett, Greenland, N. H. wants a herdsman at \$14.00 per week.

Robert A. Jordan, 60 State St., Boston, wants a man for school-garden work at Haverhill, Mass.

W. C. Morton, Manchester, N. H. wants to hire a boss farmer at the Industrial school.

F. E. Richardson, Dover, N. H., wants a young man by the middle of April to take care of the golf grounds of the Dover Country club.

For further information about the above positions, write or see Dean F. W. Taylor.

### GRANITE CHAPTER OF ALPHA ZETA PLEDGES FIVE MEN.

Granite Chapter of Alpha Zeta, the national honorary fraternity for four-year agricultural students, has pledged the following men: Joseph W. Morrill, '18, of Grafton; Cecil C. Dustin, '19, of Rochester; Raymond J. Ewart, '19, of North Andover, Mass.; Oral A. Page, '19, of Newton; and William E. Shuttleworth, '19, of Portsmouth.

Each year at this time bids are issued to such sophomores, or upper classmen, as stand in the upper two-fifths of their class in scholarship and, in addition, typify other definite ideals for which the fraternity is striving.



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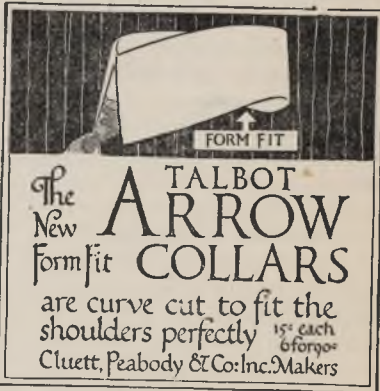
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## HOW ALUMNI CAN AID THEIR ALMA MATER

BY USE OF MONEY AND INFLUENCE UPON OTHER PEOPLE

### OPPORTUNITY FOR EVERYONE

So Writes H. F. Judkins, '11, Associate Professor of Dairying at Connecticut State College

How many of us feel that New Hampshire College was a huge lathe which took us in as raw material, very raw in some cases, and turned us out as a smooth finished product, capable of articulation with fellow beings around us? The real alumnus must be imbued with a spirit of appreciation. Furthermore he must be in touch with the college so that he realizes how it has grown and what it is doing for its stu-



HENRY F. JUDKINS, '11

dents today. Before one can boost the college, he must know what there is to boost. This means proper organization, frequent visits to the college, and the reading of the New Hampshire. The needs of the college must be constantly discussed at meetings of local units so that they are ever in the mind of the alumnus. Without contact with his fellow alumni the alumnus can or will do little, because he is too busy with his daily vocation to take the time to even think about the college.

The ways in which the philanthropic alumnus of New Hampshire College can be of assistance to his alma mater fall under two general heads:

1. By the use of his money.
2. By the use of his influence upon other people.

#### INSTITUTION IS YOUNG

New Hampshire College is a young institution. The average student has come from a family of moderate means and as an alumnus has had hardly time to get on his feet, so to speak. It is only reasonable to assume therefore that the alumni can be of very little financial aid to the college. This is doubtless contrary to the opinion of the average college student or the man who has not given the matter deep thought. The alumnus who is connected with another institution is particularly handicapped in being able to help his alma mater financially for the reason that he must support the college activities at the college with which he is connected. This necessarily means a transfer of funds used for this purpose at his alma mater. It does not mean a transfer of affections however. All alumni can certainly afford to pay their dues of one dollar per year. If all did this, it would give the alumni association something to work with so they would be better equipped to be of service to the college. Such a fund would help support a paid resident secretary, for example, an office that could doubtless make the alumni a vital force in the growth of the college.

Alumni, particularly those not doing benevolent work at other institutions, may be of some financial aid to the college, so long as the tax is not too great. The assistance rendered in draining the athletic field and building of the bleachers and in giving prizes at the interscholastic track meet and prize speaking are good examples of the financial capacity of the alumni to help. The alumnus must ever be instilled with loyalty for the college because constant appeals for assistance which make a demand on his pocketbook soon dull his loyalty.

#### ACTIONS COUNT

In order for the alumnus to use his influence to good advantage he must first get acquainted with the people around him and win their confidence. This means that he must show the "goods." Remember that it takes a lot of good

men to live down the reputation of one bluffer after he is found out. As proof that the actions of the alumnus count for a great deal, Senator Hardy of Hollis is quoted as saying at a recent chapel exercise at the college that the college has his support in all matters which could benefit it. Why? Because, he stated, the graduates who had returned to Hollis were very emphatically demonstrating the value of the college to the state. The alumnus must be proud of the fact that he is a graduate of New Hampshire College, always a "booster", never a "knocker." Frequently, the alumni of the younger and smaller institutions are heard to make apologies for their alma mater. Let us hope that there are none of them among our number.

The alumnus can use influence with the high school student to show him why he should attend New Hampshire. Our alumni, particularly those teaching in the various high schools, are thus being of great service to the college today. A large per cent of the students of the college are there because alumni of the institution influenced them to go. The good influence of the alumni in this respect has been two-fold, because they have not only helped to increase the college enrollment, but have induced many boys and girls to go to college, who otherwise would not have gone. While, at the present time, our Alma Mater does not need more students as badly as some other things, the alumni can be of service in influencing the best all-round boys and girls to enter New Hampshire.

#### STATE SUPPORT

If the college is to have a healthy growth, it must be generously supported by the state. The alumni are in a position to help very materially in obtaining funds from the legislature. There is doubtless at least an alumnus in nearly every town in the state who personally knows his representative or senator in the legislature. The individual alumnus can use some influence with these men. Then again a legislative committee of the alumni association, or com-

## WHAT THE STATE FARMERS EXPECT OF A GRADUATE

Explained by C. W. Farr, '04, Proprietor of Sunset Farm at North Weare, New Hampshire

New Hampshire farmers look for certain characteristics in the graduate of an agricultural college who takes up the business of farming, if he is to prove a success financially and be counted as "one of themselves" in a farming community. First and foremost he must not have the "know-it-all" spirit which occasionally appears in the technically educated man when associating with men whose only training has been practical. Both in conversation with others and in the conduct of his own affairs he must realize that while he has thoroughly learned the scientific principles of his business, in the everyday application of these principles to actual farm practice, in business experience, and in the knowledge of the thousand and one conditions of climate and environment which influence the results obtained, he is still a novice as compared with his older neighbors. While he will see many farm practices which show a crying need of improvement, he must remember that any farm method which has succeeded in becoming a common custom has done so because at some time, either at present or in the past, it was based on sound principles. If these principles have become obsolete the best way to show it is by the results of a better method, after its successful completion, not before. In a word he must possess "the open mind" of the man who realizes that there will always be something more for him to learn.

#### DIFFERENT VIEWPOINTS

The next qualification and the one perhaps the most important to the man himself is the ability to look at farm problems from the dollar and cents standpoint. He has spent four years in an atmosphere of study and research in which the acquiring of knowledge has

## COLLEGE PAPER HAS BIG OPPORTUNITIES

DECLARES H. H. DICKEY, '07, INSURANCE MAN IN SEATTLE, WASH.

### OFFERS MANY SUGGESTIONS

As to Part The New Hampshire Can Play in Keeping the Many Alumni in Closer Touch with Their Alma Mater

The college paper is the greatest factor to be found for keeping alive the old affection for the college among its alumni. It is the kaleidoscope covering all intervening events that take place from the day the student leaves the doors of his college to enter into entirely different channels of experience. It is that dynamic power of the college that through its printed pages throws out vitalized force that demands service and points out the responsibility of the alumni due the college. It is the diary of the undergraduate, supports the traditions of the college and acts as the back bone of all college life as the counsellor and the developer of the type of Alumnus the College can be most proud of. This covers in a few sentences what I feel to be the mission of the New Hampshire, the reason of its existence. As for the alumni, that body can be brought into closer contact by expressing itself through the columns of the New Hampshire.

How many times, thoughts have come to the mind of just criticism or encouragement of happenings at Durham.

It should be realized that the New Hampshire, as the college paper, has been anxious to receive these criticisms or encouragements.

The paper forms the clearing house for these matters and such opinions may be moulded into considerable worth to the college. For this reason I have taken the liberty to introduce a few of my own suggestions.

## THE FUTURE OF ATHLETICS AT NEW HAMPSHIRE

Seen by Charles F. Cone, '08, Sales Agent in Pittsburg of Supply Dept. of General Electric Company

There is no doubt in the minds of most New Hampshire students and alumni but that athletics are now on a firm and sound basis. It has not been my pleasure of recent years to see any New Hampshire teams in action. However, from information obtained through The New Hampshire and fellow alumni, I can see nothing but a bright future for all forms of sport.

One big improvement that most graduates will recognize is the appointment of a Physical or Athletic Director. This gives the student body a representative in the faculty, who is vitally interested in athletics. In the old days we had to depend on "Artie," "Dick," and "Pa Taylor," to defend us, and no doubt we put them in rather embarrassing positions.

#### BETTER BASIS

Finally the different departments are on a firmer basis than in former years. The increase in the number of students means an increase in revenue. However, I do not think that the present student body can make a better showing in membership to the Athletic Association than we did in the past. In two of my undergraduate years every student joined the Association. Members of teams in former years never received a sweater when they earned their letters. Some even considered it good fortune to get their carfare paid when on trips.

The success of any athletic team depends on the coaching, available material, and the backing it receives from the student body. I believe that our old method of changing coaches every year or two was wrong. Better success will be obtained provided one system is followed at least until the system has had a chance to develop. If for any reason it becomes necessary to make a change, why not try to select a new coach, who will to some extent follow the same system? A good all-around athlete for Athletic Director to supervise all coaching, with good assistants in the different departments, if necessary, is the best arrangement.

Athletic material should be encouraged to attend New Hampshire. Every student and graduate should remember that if one good athlete is persuaded, he in turn will be influential in securing others to enroll. You not only strengthen athletic teams but also increase the number of students.

#### STUDENT SUPPORT

The support that the student body gives to a team is a wonderful aid to the development of that team. The student body has no right to expect more spirit from the players than they are willing to put back of them. During the games show the fellows that you are with them, win or lose. Near the end of the season when practice drags and becomes hard work, help the coach by going out and putting life into the squad.

New Hampshire has branched out into track and field sports since I left college. This is a big improvement and a good field for the small college. It also gives an opportunity to a large number of students to take athletic exercise.

There is a mighty bright future for athletics at New Hampshire, but like everything else that is worth while, it means work. All should get together and boost for athletics, and in so doing New Hampshire College is bound to take her place as one of the leading New England Colleges.

## IOWA LEADS COUNTRY IN NUMBER OF AUTOMOBILES.

Iowa leads all American states in the number of automobiles. The record is a motor car for each thirteen people, babies included. California has one to each fifteen persons, Nebraska one to each sixteen, while New York has only one car to thirty-nine inhabitants. Oklahoma is expected to lead next year in the number of cars in proportion of motors to population. Texas had 105,000 cars on July 1 and dropped behind Massachusetts 488 cars. There are 3,000,000 automobiles in the United States, and California, Iowa and Nebraska are the leaders.

At Albion College, Michigan, the Student Council has decreed that Sophomores as well as Freshmen wear caps by which they may be distinguished from upperclassmen.



VARSITY BASKETBALL SQUAD

mittees of the local units, can help by appearing before the proper legislative committee at Concord and by correspondence addressed to members of the legislature. Who can estimate what influence such correspondence signed by hundreds of our alumni might have? The point is that we must show the legislators that we are interested in our Alma Mater and that our labors as alumni have proved that money spent in building up New Hampshire College is well invested.

There are people of means who could and would help the college if they were enthused about the college and were shown that their help would do the college a world of good. The individual alumnus can influence these people in the right direction if he knows what the college needs. It may be anything from a pure bred bull to a new dormitory depending on the circumstances. Since our college is state supported, this work must consist of gradually interesting the person in the work of the college, so that the gift be it large or small is entirely voluntary.

The alumni are represented on the board of trustees. Is there not an opportunity for the alumni as a body to make good use of these representatives in important matters of college administration? It is quite certain that a rep-

necessarily taken precedence over financial returns, but in the application of the knowledge thus obtained to his business he must remember that, except for the ethical reward obtained by the knowledge of work well done, his success must be determined by the question "Will it pay?" Good farming in the true sense of the word must also mean profitable farming.

The man whose possession of the characteristics named above makes him a successful farmer and citizen will be expected as a matter of course to take an active part in all affairs which make for the improvement, in any respect of his community. Grange and town officers will be open to him and he will have ample opportunity to repay the public for the education obtained at a college supported from the public funds.

representative opinion of the alumni on important matters is of value to the administration of any college.

The writer appreciates the fact that this is but a feeble attempt on his part to mention some of the things we as alumni can do for the college. The ideas of many on this point would be more valuable. The writer feels certain the alumni association does not realize the amount of potential energy which it possesses.

#### WIDE CIRCULATION

My first suggestion is that the wide distributions and scattered condition of our alumni makes it necessary for the widest circulation of the New Hampshire to make itself most effective.

Second that to produce the closest contact, the New Hampshire through its representatives at college must show the most spirit and take the leadership in getting the alumni to fall into line for any undertaking.

I assume that the alumnus has learned something from experience and observation since leaving college and he should be encouraged through the New Hampshire to offer this to his college. Thus in calling on the New Hampshire to request the alumni to get in closer contact with their college and to feel the responsibility by encouraging this body to interest itself in new undertakings and enterprises, I feel the paper would be making a new departure.

The term "Undertakings" as I have used it denotes any new enterprise or movement towards a betterment of the college.

#### ALUMNI BRANCHES

I might offer as follows: the bringing about and establishment of more alumni organizations; the establishment of clubs at Durham, representing the

Continued on Page 4



## LACK OF RELIGIOUS EFFORT AT COLLEGE

OPPORTUNITIES FOR SUCH AT CHAPEL SERVICES.

### Y. M. C. A. SECRETARY NEEDED.

So Declares Perley A. Foster, '13, Made State Secretary After Being Engaged in County Work.

A perfect college chapel system has never been invented. Some systems are more satisfactory than others, some aren't. Some graduates of the traditional classical chapel system have looked back over a lapse of years and have seen a potent influence in that chapel which appeared of little importance in undergraduate life.

It would be interesting and not difficult for the "New Hampshire" to obtain information concerning chapel and convocation as conducted at the various colleges. I have at hand knowledge concerning eleven of the Eastern colleges. Of these, nearly all have the traditional chapel, meeting daily or several times a week. Several have compulsory attendance, some leave it



PERLEY A. FOSTER, '13

## ATHLETIC PRINCIPLES APPLIED TO BUSINESS

By Carl T. Fuller, '06, Chemical Engineer With General Electric Company at Harrison, N. J.

Andrew Carnegie said: "Organization is everything. Burn all our property, take away all our money, but leave us our organization, and in five years we will be in the same position we are in today." He was speaking of U. S. Steel, and the same holds true of all big business today. "Organization is everything." That is the message of this article.

Organization, which makes for efficiency, is based on the subservience of the individual to the whole, the realization that the good of one is the good of all. Only in this way can maximum attainment be had. Mobilization of labor in the countries at war, in Europe has resulted from its realization, and America is awakening. Business is now entering the era of co-operation. Labor is beginning to realize that the interest of the employees is its interest, capital, that the health and happiness of employees is its interest.

I have been asked to write an article on the advantage of athletics in college to the man who has graduated. I find it hard because, I cannot be specific, either with the man or its advantages. The physical end we can neglect, because it is minor with those who actually engage in athletics, and nil with those who do not. The real advantage is in the "spirit of athletics." I do not like this name but cannot give it a better one. I cannot define it, but every man who goes to college, unless he is a dead one, takes some of it away with him.

As I cannot be specific, I will draw analogies, using football as an example in comparison to business.

1. Business is the greatest game in the world, football is next.
2. Team work is what scores. Individual grand stand plays are spectacular and win temporary applause, but do not score the most touchdowns.
3. To get the most out of either, not only for yourself but for the team, play for all there is in you every minute.
4. Use your head. Study the game and play accordingly.
5. If you make a fumble, fall on the ball. Don't try to pick it and run.
6. Have a good substitute to back up every man. This is as necessary as the first man.
7. True sportsmanship is part of the game. No game is a good game without it.
8. All the world quits a quitter. You will meet better men and teams than you are and will be defeated. Go down fighting.

I could give about fifty of these but space is limited. I want to say a word about those men and women, who go out afternoons to encourage the men at practice, and go to all the games possible, even though they have to do as Perry, '06, (some class, there'll never be another like it) did to go to the Tufts game in '05, I think it was. He pawned his uniform off his back to get the coin. They are in the game in "spirit," and so get the good of it. They are the silent partners who are not silent.

Organization, which makes for efficiency is based on the subservience of the individual to the whole. On this, success of the team and individual depends. "Organization is everything."

Two thousand new Springfield rifles have been given to Cornell because for the last three years it has attained the rank of distinguished institution. These rifles were awarded by a government arsenal, and they will be immediately distributed to the companies who are at present using the old Kraggs.

Dispite the fact that they have compulsory military training, the authorities at Michigan Agricultural college intend to enforce a policy of universal physical examination and culture.

Dartmouth, Amherst, Williams, Bates, Harvard, Yale, Pennsylvania State, University of Pennsylvania and the University of Vermont are colleges which occur to me as having paid secretaries, trained for the work. The University of Vermont recently held a short campaign to put on a trained secretary.

To return, convocation is one avenue for meeting the needs of the spiritual lives of the men and it should be held with that as its big aim and purpose.

## COLLEGE PAPER HAS OPPORTUNITIES

Concluded from Page 3

different preparatory schools of the state and made up of their membership in college; the responsibility of having the different activities of the college properly and sufficiently covered in the daily newspapers of New England; the establishment of an outing day or field day by the alumni at a time of year when the alumni of the different colleges represented in the State might be invited as guests. The State college should be better known as a college belonging to all the people of the State of New Hampshire, and such a field day on a public holiday in the Spring time, when different athletic contests could be run off between the representatives of the colleges present, would aid much in the movement.

It is hard to realize of any better way for securing good moral support, than by making friends in this way with the several thousand college alumni within a short radius of Durham.

I believe the New Hampshire should see that important accomplishment of having all past students, graduates or not, any who ever attended at Durham, properly catalogued as to name and address, bringing them in the general Alumni fold. I believe the New Hampshire might see to the forming of an Alumni council made up of members residing near enough to Durham to be in contact with the college, this council to handle matters relative to student activities that could not be handled by the students themselves.

I might offer other suggestions, my point is this; to make the New Hampshire bring the Alumni and the college into closer touch, the editors have it all in their power.

### NEW HAMPSHIRE DAY

New Hampshire Day showed that the alumni were only too ready to respond financially even in a small way and the college paper was partly responsible for the results. It only proves that the alumni wait the call to do service for the college.

The response to the call did the individual alumnus a great deal of good for it stimulated fresh interest in his college. Taking thus a step further, the editors should be able to see the answer to the problem and make the paper the spokesman for the needs and the ambitions of the college, the point of contact between college and alumni.

If war were declared would the New Hampshire raise an appeal to the alumni of the college to return? Would we have men enough for two or three regiments? If the New Hampshire acts the part properly there remains no question about the answer.

### URGES GREATER COOPERATION OF ALUMNI TO AID COLLEGE.

The following thoughts come from an alumnus who desires to withhold his name from publication.

With 1000 students at New Hampshire College by 1920, with one of the best Commons in New England a possibility in another year and with the Institution taking strides that it is almost impossible to realize, New Hampshire College is surely destined to take its place at the top of State Institutions of New England.

Is it not time that the Alumni unite and make our organizations stronger?

Recently while talking with one of the active members of the newly organized Alumni Athletic Board I was surprised to learn that its development was progressing so slowly. This organization, that has been needed so badly at New Hampshire, has come to stay and it should be backed by every Alumnus.

The schedules are growing and the student body is growing, so let us as an Alumni body get out to all meetings and get behind a movement that is worthy of all the help that we can possibly give.

With baseball and track soon to open, and with reports of exceptionally fine prospects in both sports let those of us that can, drop in and boost things by our presence. I know from personal experience that the men in charge of athletics now are always glad to have the old men make them a visit. It makes no difference whether you were in athletics or not your glad hand and presence will always be appreciated.

News has just been received of the birth of a daughter, Margaret Gertrude, to John H. Annis, '12, and Hazel Clark Annis, ex '18.

John Davis, '14, visited Durham recently. He is employed by the Batchelder and Snyder Co., of Boston, Mass.

## COMPULSORY CARE OF PHYSICAL SELF

OTHER COLLEGES TRYING TO SOLVE BIG QUESTION.

### SUMMARY OF OUR RESOURCES.

Given by B.F. Proud, '11, Athletic Director of Hackley School at Tarrytown, N. Y. Believes Training Great Asset.

Should New Hampshire College have compulsory physical education?

That is to say, should every student in the college be required to attend regularly and give a certain amount of time daily to certain forms of prescribed exercise?

I firmly believe that this idea would mark a great step in advance for New Hampshire and prove a wonderful thing in many ways. This article will be more of an attempt to summarize our resources for taking care of the work, rather than simply an argument for it.

We have ample evidence on every hand to show that most of the institutions of higher education, here in the East at least, have been taking this question under consideration. Some are attempting to solve it in the affirmative, while in others the systems in use would seem to indicate that the authorities considered that a man capable of doing the academic work should also possess sufficient judgment for the safe guarding of his own physical well-being.

Where attempts have been made to insure each student getting a sufficient amount of exercise for his needs, the problem has had to be worked out to fit the requirements of each particular place and therefore hardly any two methods are alike.

In order to put this idea into practice at New Hampshire, we would have our own peculiar set of problems, to take care of. Under this head comes first our lack of equipment. It takes considerable of an athletic plant to give opportunity for recreation to 600 people. We have but one field where we need several. Much material for the varsity teams could be discovered and developed had we fields wherein the Fall series of basketball and football games could be played between the classes, dormitories and fraternities. Fall track work, including cross country, is carried on under present conditions. The introduction of baseball and tennis for the warm days of September and early October, followed by soccer, would give all a chance to do something from the day college opens until cold weather sets in.

We have, as far as floor area is concerned, a fine gym for winter work. However, it would require a considerable part of each day to give everyone body-building work and also allow time for basketball teams to practice. To relieve this congestion, we ought to have a baseball cage. This cage would not only be of benefit for the baseball men but could be so arranged as to provide for practice in pole vaulting, high and broad jumping, hurdling and shot putting.

Under the compulsory system, except for basketball practice, no inside work would probably be done on days when there was opportunity for skating or other out-door sports.

The fields used for football in the Fall would of course be available for baseball in the Spring.

Another problem would be that of arranging the schedule of exercises so as not to have it conflict with college courses.

Then again, the plan in order to be successful in the largest sense of the word, would have to be carried out so that it would be interesting and would appeal to the students as profitable.

We have always had some compulsory physical education along military lines. Perhaps the additional work could be carried on under the supervision of this department.

None of the difficulties in the way of compulsory physical education at New Hampshire are insurmountable. The benefits to be derived from it are so numerous and of such a lasting character that our graduates would consider it as one of the chief services rendered them by the college. Most bodily ills can never touch us if we keep our bodies in shape by exercise. Nature has so arranged it that when we use a muscle it presses upon the veins which are carriers of waste matter from the body.

Lastly, and as Professor Scott used to say, "if any of you are so unfortunate as ever to follow the profession of teaching," compulsory physical education will round you out and be of considerable financial advantage to you.

## DISCUSSES VALUE OF ATHLETIC BLANKET TAX

Oscar E. Huse, '12. Handles Topic From Standpoint of Experience in Two Colleges.

The experience of having been a student in two colleges, one of which had a blanket tax for athletics, and the other of which did not have such a tax enables me to discuss my subject from the valuable standpoint of personal experience.

When I left New Hampshire College at the end of my Freshman year, I left athletic contests that were rather poorly attended and the display of college spirit at the games was noticeably lacking. The next fall when I matriculated at Pennsylvania State, I found literally the entire student body at every home game and an enthusiastic display of college spirit that I have never seen equaled. To say that the marked difference I found between the support of athletics at New Hampshire College and at Pennsylvania State was due entirely to the blanket tax in force at Pennsylvania State might be giving too much credit to the blanket tax but we do find two human laws that help to explain the success of his system: first, that everyone is interested in the success of any venture in which he has invested money; second, that once having invested money everyone likes to get his money's worth.

### SYSTEMATIZES ATHLETICS

The athletic tax is of very obvious advantage to managers of athletic teams, since it gives them a definite amount of money with which to work. Under the present system at New Hampshire College the membership in the Athletic Association varies nearly fifty per cent from year to year and gate receipts are always uncertain because of conflicting attractions and weather conditions. Any system that would stabilize the income for athletic purposes would lighten the burdens of management.

The objections and objectors to the athletic tax are few. If there were any of either at Pennsylvania State I do not recall hearing them. Our tax there went under the name of "Gymnasium and Athletic Fee." The annual fee was



OSCAR E. HUSE, '12

five dollars which is not a heavy addition to the expenses of the college year. The fees at New Hampshire College in comparison with fees at other colleges are very low and the addition of another five dollar fee would be no cause for complaint. The objection of the radical, who says that he ought not to be forced to pay a fee for something in which he has no interest, is the objection of the bachelor forced to pay a school tax, answered long ago for the common good.

On my return to New Hampshire College during my Senior year, I found our Athletics in better condition than when I left, a more or less temporary condition brought about by the strenuous efforts of faculty and student leaders. Since then I have watched the tide of student support ebb and flow and now I believe the time has come for the student body to bring in a flood-tide that shall make permanent the support of our Athletics at New Hampshire College.

The engineering school at the University of Michigan has established a new honor system. There is no faculty legislation, no signing of pledges, or committee. The student takes the exam on his honor and is allowed to come and go when he pleases; if he sees any cheating, he is supposed to stop it, either by privately speaking to the "cribber" or else by calling the attention of the class to the matter.



## SUGGESTIONS FOR ALUMNI ASSOCIATION

EVERY ALUMNUS A LOCAL REPRESENTATIVE.

### KEYNOTE IS PERSONAL SERVICE

Plans Offered by Paul D. Buckminster, '12, Chemist in Manufacturing Establishment at Everett, Mass.

Preparedness is the present issue, not only national, but industrial, social and even personal. This necessitates intensive organization and real service. The more complete an organization, the more directly is the responsibility of organization placed on every individual member. All members of an active association must be active representatives of that association. You are the representative New Hampshire man in your community. Are you an active member of the Alumni Association? What have you done toward efficient organization? Then don't criticize, but prepare for real service.

The members of the Alumni Association are located in every state in the union and are perhaps, as you say now, too widely separated for collective action. Then let us organize sections and let every section elect its own secretary. The college section will naturally have its office at Durham and work directly under the leadership of the secretary of the association. Perhaps it will be well to include the whole state of New Hampshire in this section with an assistant secretary having an office at Concord, Manchester, or elsewhere in the state. Then let us have a New England section with an office in greater Boston, a Southern section with an office in Washington, a section at Pittsburgh, Cleveland, Dayton and Denver. Now you see how easy it is when we just get started. Now you see the possibilities of intensive organization—active sections, controlled by an active association management and every alumnus in the service. This is one suggestion, you can offer more. The solution of our problem is resolution.

#### NOMINATING COMMITTEE

To secure active association management we must have efficient officers. At present the affairs of the association are directed by those few who are fortunate enough to be at Durham for the annual meeting. The president they elected last June declined to serve and as a result we have had a year of inaction. Every member of the association must have the power to vote for the officers of the association. The ballots should be sent out from the office of the secretary and returned in the envelope provided for the purpose, sealed and bearing the voter's signature. We should have as a standing nominating committee, members who are in touch with the political affairs of the state and who know both the needs of the college and of the association. Their nominations would naturally confirm the assent of the candidates to serve and assure association of efficient leadership.

Now then, you are an active alumnus, you have something to do, you elect the secretary of your section and the officers of your association. You begin to feel a personal sense of duty, but remember you have a much greater responsibility. You also have the power to vote for two alumni trustees of the college. These are the men who direct the very policy of your Alma Mater. Do you realize the extent of organized effort, the force of unanimous approval? Did you vote for the alumni trustee last June? No. Why not? You did not know that Mr. Wason was willing to serve another term. You did not even know the alumni trustees of your college or anyone qualified for that position. You were not informed so did not vote. Very well. This same standing committee which nominates candidates for offices in the association should be given the power to nominate candidates for the office of alumni trustee. Last June, Mr. Wason was re-elected and we only regret that he was not given your personal vote of approval.

#### A BEGINNING

Come on now—a little spirit. Last December a hundred live New Hampshire men held a real 'enthusie' at the Copley Plaza, Hotel Boston. 'Chuck' Sanborn did it. Chuck lives far from the alumni centers but he has the spirit, he gets out and starts things. We organized the Boston section of the New Hampshire College Alumni Association, we considered some very vital questions, we raised some real money and proved conclusively that the old

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## SUPERVISION FOR MORAL AND PHYSICAL WELFARE

Is a Necessity, Says Herbert R. Tucker, Salesman for Cushman and Denison Company of New York.

Probably a good-sized volume could be written on the subject of supervision of the moral and physical welfare of the student, therefore the following is only a mere fragment and is intended as an outline of suggestions rather than a study.

At New Hampshire we are headed in the proper direction; a few years ago there was difficulty in pressing the idea of a faculty member as director of Athletics. Now we have such a one, and the benefits of the move are already seen very definitely, even by those of us who do not have opportunities of getting back to the college. This excellent move should be carried further. It is not enough until it is assured that every student is obtaining sufficient proper exercise to ensure his stay at college benefitting his physique as well as



HERBERT R. TUCKER, '12

his brain. Aside from the military, there should be general activity of any one of many varieties that could be an elective in itself, but necessary to be passed for graduation. This applied to both men and women. We have several excellent exponents to this type of school in our own state, where the above idea is used to a greater or less extent.

#### VALUE OF SPORT

Mr. Gordon, the physical director of St Paul's School of Concord, said to me in conversation several years ago:—"Ours is an out-of-doors school, everyone must get out and play." A visit to their play fields in recreation hours shows the truth of this, for literally hundreds of students will be seen there in impromptu organized sport, everyone glowing with a proper circulation. Exeter is another example, while our sister college, Dartmouth, has become nationally famous in the past few years thru its voluntary activity in its Outing Club. Probably most of the readers of this have seen the March issue of Scribners in which the leading article uses considerable space and shows several half-tones in speaking of the winter carnival, in which our "Gus," Paulson made himself famous last year. In two or three places the writer mentions our "New Hampshire University," in fact the closing paragraph of the article deals with us and states that we "intend to do more along such lines." It is an excellent lead to follow for all seasons of the year.

The following seems to be logical and reasonable, and the writer believes they

should be a part of the life at the college:—

1. Required physical exercise, the form of which may be elective, but to be required for graduation.
2. A real outing club for all seasons.
3. More inter-fraternity, club, class or impromptu contests in major and minor lines of sport.
4. Strict college supervision of the condition of all rooms and boarding clubs where students live away from their own homes. This last is indeed important and appears to me to be a duty of the college that is owed to the parents of the students, for in some instances, much better surroundings might have resulted in the "old days," perhaps so now. In the past year or more the faculty committee must have done good work along this line. It perhaps now has full power to act—it ought to have such. Until we have a Commons, is it not possible and feasible for the Home Economics Department to assist the buyers of the various student eating clubs as to proper balancing of rations and also as to inexpensive and nutritious foods to provide? Perhaps it is being done.

With minds taken up in spare time with various interesting physical sports, and with clean surroundings and wholesome nutritious food, the moral side of college life will almost take care of itself. It takes more than instruction and knowledge to make one morally right, and the outline suggested supplies a great part of that extra requirement.

Mere knowledge is not enough to make a man a success after he leaves his college; he needs bounding health to supply the partnership for his learning if courses are so full that they permit of scarcely a minute of spare time from week to week they should be lightened to give time for the building up of the body that it may better receive its brain portion of higher mathematics, or political economy or whatever course it may be. It will pay when the final result is known. If you do not believe it, try it!

#### WHAT SOME OTHERS OF THE ALUMNI ARE NOW DOING.

Fred C. Smith, '14, is at Central Occidente, Cuba, in charge of a new type of turbine designed by the General Electric Co., for use in the sugar mills.

William E. Rogers, '12, is on construction work for Stone & Webster at the Westinghouse Lamp Works, Trenton, N. J.

Gilman A. Lang, '13, is in the engineering department of Loose-Wiles Co., manufacturers of the famous "Sunshine" biscuit products at Boston. He lives at 106 Bartlett St., Somerville, Mass.

William H. Chase, ex '12, is a mechanical engineer with the Chase Rolling Mills of Waterbury, Conn. After leaving New Hampshire he attended Tri State College at Angola, Ind., where he graduated in mechanical engineering in 1912. "Bill" is married and resides at 93 Highland Ave., Waterbury.

Joseph H. Robinson ex '19, is now employed in the superintendent's office of the Boston and Maine R. R., at Concord, N. H.

Arthur Edmunds, ex '15, visited Durham recently to attend the Gamma Theta dance.

Due to the paucity of dyes, one of our exchanges plans to use a little more Local Color this year.

## THE COLLEGE MAN'S DUTIES OF SERVICE

SPECIAL ADVANTAGES OF EDUCATION GIVE HIM GREATEST POWERS

### COMMUNITY RESPONSIBILITY

Outlined in Article by Castine Swanson, '05, Superintendent of Franklin Square House for Girls.

College gives to each respective graduate a peculiar advantage over the non-college man in preparing him for the person he is going to be, or in other words, gives him the opportunity of a vocational analysis of himself. It furnishes him with a motive power from within which is the basis of growth and development of character, the highest possession of man. Thus his struggle for existence is greatly diminished by the practical knowledge of the moral guidance of this training. This opportunity then, that college has afforded him "to find himself" she expects him to return to the world in the privilege of service to those less fortunate.

He can best serve the world, with the equipment he has, in recognizing his responsibility to the community in which he is established, in making his work real by not creating a fear within himself of the experience of life.

Determination, perseverance and enthusiasm should ever dominate his field of endeavor to prove to others his attitude toward self. Thus a spirit of conference is established everywhere which yields him resourcefulness of untold value through the lesson of adaptability.

#### BATTLE OF LIFE

Today he finds that the most important phase of his work is the study



CASTINE G. SWANSON, '05

of the individual in his relation to the appreciation of the need of education or training along definite lines to best fit him also for this field of service. The worker finds the problems and limitations in the study of home conditions, environment and training, personality and inheritance, education, lack of opportunity for self-development, all vital factors which enter into the real readjustment of life. The real battle of the worker is to find a common interest in those with whom he comes in contact, for he has learned that one cannot take away from the individual what he peculiarly has, but he must eliminate it through the substitution of this common interest.

He now becomes creative in his own field work by opening opportunities for training to those who have not been properly fitted for their life work; by

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## OUTLINES ADVANTAGES OF ATHLETIC SCHOLARSHIPS

Which are Many, Declares J. H. Nixon, 2 Yr. '03, Manager of 1400-Acre Farm of S. L. Whipple at Plymouth, Mass.

At Durham, on New Hampshire Night, Nov. 17, the night before the Rhode Island game, the organization, known as the Alumni Athletic Board, was formed.

The purpose of this organization is to bring the Alumni into a closer touch with New Hampshire Athletics.

The following resolutions were thoroughly gone over by the old men present, and adopted:

1. That the Athletic situation now at New Hampshire is on a firm basis, with fine prospects for the future.
2. That the Athletic Department needs the organized support of the Alumni.
3. That the Alumni should establish Athletic Scholarship and see that better and more experienced material gets to New Hampshire.
4. That cash is necessary to carry this through. Subscriptions of any amount acceptable.
5. That entrance and incidental fees be covered for men who are elected to scholarship.

This Board will work in conjunction with the Athletic Department and will before June send each subscriber a complete list of expenditures and subscriptions received.

#### SCOPE OF WORK

While there may be a great deal of difference of opinion as to the scope of the scholarships, yet I believe it may be due to misunderstanding, for the Alumni Athletic Board have no intention of getting a lot of men because they are baseball, football or track men. They must have a good standing in the classroom and be extra good material to get a scholarship. We all understand that the fellow who puts in two or three hours of work on the campus cannot, as a rule, compete with the man who is spending those two or three hours in the study room. The college recognizes the studious with a scholarship, why should not the Alumni recognize the man who is working hard to get his N. H. providing, of course, he passes the requirements. Again, there are some fellows at New Hampshire who do not feel able to try any of the several teams on account of financial difficulties. They deserve to have aid through a scholarship or by having some positions reserved for them so that they can earn part of their expenses.

New Hampshire must aid the men working for the different teams to keep up with other colleges.

Thomas C. Bailey, '12, is now director of manual training in the Ludlow (Mass.) public schools and head of the science department of the high school. He is also associated with Boys' and Girls' Club Work throughout the state and last summer acted as supervisor of school gardens for the towns of Ludlow and Wilbraham. Wilbraham received second prize for the best work in Massachusetts.

#### LARGER INDIVIDUAL PLOTS FOR VEGETABLE GARDENING CLASS.

The Horticultural Department plans to give each student in vegetable gardening a larger plot of ground this year, than it has formerly. Each student will have an individual garden about twenty by forty feet, and the plots will be separated so that the crops in one will not interfere with the crops in any other by shading. All the very best varieties of vegetables will be grown, and especially some of the vegetables which are not common to this section. The department aims to familiarize the students with the best varieties, and some of the uncommon vegetables.

#### EFFORT BEING MADE TO AID FARMERS IN FEED PRODUCTION.

The county agents of New Hampshire are making a special effort this year to have the farmers grow more legumes, raise more of their feeds and practice a better system of crop rotation. To assist in this movement, Professor Prince of the Agronomy Department has prepared a series of articles for publication in the county bulletins of the various farmers' organizations, and also in the local papers of the different counties.

The following topics are among those discussed: "Shall We Grow More Grain?", "Oats and Peas," "Soy Beans," "Rape," and "Winter Vetch."



A FAMILIAR SCENE TO MANY ALUMNI.



## WHAT THE GRADUATE OWES TO HIS STATE

AND CAN THE ALUMNUS REPAY THE DEBT

### OPPORTUNITIES FOR SERVICE

Both Within and Without the State, Discussed by Edith Donnelly, '12, Instructor in Dover High School

"Whereas, the education of the youth is necessary for the advancement of morality, virtue and happiness, and tends to render a people or state respectable — — —" thus reads the preamble of the charter of one of the New England State Universities. Could anyone contradict this statement or demand a higher conception of the purpose of education? Are the young men and women of our states profiting from such opportunities, as are afforded them to render themselves, their city, their state more respectable? In answer to this we find that last year there were 3,755 students registered at State Colleges and Universities of New England.

The principal sources of income, that make it possible for liberal and technical teaching to be given to these students, are state aid, federal aid and endowment. In the latest report on Finances of the New Hampshire College there is an interesting table representing the comparative amounts of state aid per student appropriated by certain states in 1915-1916.

New Hampshire College	\$121
Massachusetts Agricultural College	\$489
Michigan Agricultural College	\$226
Ohio State University	\$224
Pennsylvania State College	\$133
University of Maine	\$100

Therefore each student owes his state for his education four times this amount. Compare this with the amounts which must be paid out for tuition at New England Colleges, not state institutions. The average of the tuitions required at eighteen such colleges is \$123. Some will say, "Yes, that is all true but think of the advantages to be had at larger colleges." There are advantages to be had, but graduates from state colleges are put in competition daily with men and women from the Institute of Technology, from Harvard and Brown, from Radcliffe and from Wellesley and are holding their own. So it can be stated without inconsistency that graduates from a state college owe much to their state for educating them.

#### REPAYING THE DEBT

How can a graduate best repay this? During the last fifteen years 60 percent of the graduates of the four year course in agriculture at New Hampshire have remained in the state. During the ten years from 1905-1914, 32.8 percent of all the graduates settled in New Hampshire, 32.1 percent settled in New England and outside of New Hampshire, and 35.1 percent outside of New England. The 32.1 percent, who settle elsewhere in New England did so because there is not the opportunity for experience and advancement in their line of endeavor in New Hampshire. They can serve the state by being a credit to her, and when they have been successful enough to satisfy their personal ambition by coming back and settling in New Hampshire developing her resources so that in the next generation 60 percent of the graduates of the Engineering Courses and of Arts and Science will find the opportunities awaiting them within the state. The 35.1 percent, who go out of New England are the representatives of the state college, by which our state will be judged by other states.

For those who find it necessary or desirable to go back to their home towns and cities, this problem is solved, for theirs is the privilege of bringing back all the knowledge and inspiration they have gained, theirs is the opportunity to be leaders in public enterprises, theirs is the duty to live as well developed men and women.

#### EXTENSION WORK

We see wonderful work being done through the Smith-Lever Law which provides for the co-operative extension work. We meet the extension workers, who are County Agents, who give instruction in Home Economics, who give demonstrations in orchard culture, in vegetable gardening and in farm management. Why should not each graduate feel himself an extension worker, whose duty it is to be an ever wide-awake, sympathetic, persistent social worker, who will take an active part in his town or city government, not for self glory or achievement, but to see that right laws are made and en-

## GRADUATE ENGINEERING WORK WOULD AID MUCH

Declares L. A. Pratt, '09, Who Has Charge of Research Laboratory of Merrimac Chemical Co., No. Woburn, Mass.

Could graduate work in engineering be profitably offered at New Hampshire College?

I unhesitatingly answer this question in the affirmative.

The industries of this country are demanding broad gauge men who have been specially trained. It is being demonstrated clearly each year that it is unwise to specialize highly during undergraduate study; that the first four years of college training must include a general education; that intensive specialization should be attempted only in the graduate school.

The state universities of the Middle West and West have developed graduate schools which compare favorably with any in the world. They have proved



LESTER A. PRATT, '09

excellent investments. The time is at hand when the State of New Hampshire must provide her sons with the same chance for specialized training in engineering as is offered elsewhere. The policy of New Hampshire College should be to create the opportunity for advanced study, if its men are to take their places at the top. It should start now to build for the future. The development of an efficient graduate school must be slow and extend over a long period of years. Why not start at once in a small way by offering courses in the three engineering branches for the degree of Master of Science? This would enable many men to take advanced work who could not afford to go to another institution.

#### INFLUENCE OF WORK.

The influence of the graduate school within the college is excellent. It spurs the undergraduates on to higher purposes. They become interested in the work which graduate men are doing and resolve to continue their study. It has its good effect on the faculty, too. It furnishes men to carry on investigations, which must be directed by the instructing force. It incites a spirit of research and a desire to keep abreast of the times. The outcome of this work is the solving of many perplexing problems and the result, published to the world, are the bases of many of our industrial processes. All this is being accomplished incidental to the training of men in specialized fields.

forced and that each office holder faithfully keeps his oaths, who will foster and cherish the community spirit, thus rendering his people, his city, and his state more respectable.

Each one, wherever he is, can serve the state best by healthful leadership. The following quotation comes from Prof. Groves' recent book on "Moral Sanitation."

"Health makes for happiness. Happiness in the sense of a proper functioning of a personality in a wholesome society makes for health—physical or mental and moral health. It is important especially that children be brought up in an atmosphere of positive morality, and be made to feel that the deep and satisfying pleasures of life belong by necessary connection with right deeds. Nothing so poisons life as to cheapen it; and nothing more thoroughly cheapens experience than to bring it constantly under suspicion. To sweeten life with normal pleasures never robs of its seriousness and heroism. This pleasure-loving era suffers from the unsatisfactory character of its pleasures, but it must be lifted to the enjoyment of more worthy things, not by morbid denunciation, but by a leadership that can use our abundant moral resources in wholesome physical, mental and moral training."

## THE COLLEGE MAN'S DUTIES OF SERVICE

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giving a chance under the right conditions and directions to those who have been unfortunate in one way or another; by recognizing that co-operation should not be lacking in social work with organizations that may correlate itself with his work. He must show by actual results the benefits received through service and in turn influence those benefited to affiliate themselves with similar community interests and grasp the spirit of fellowship towards all. Spiritual welfare work must always be uppermost in his thought so that all creeds and religions may be granted an open hand and all may be reached. Educational institutions are of greatest importance as are also the bodies of employers and teachers of schools, whose value should always be exploited as they furnish the resourcefulness the worker needs to meet all conditions, presented through the individual. Proper living conditions and healthful recreation should be provided to initiate a moral stamina for the pursuit of the better.

#### COOPERATION

An unusual spirit of cooperation through the confidence of the worker can thus be fostered under right conditions with the above sources of self help and a leadership through knowledge to human nature becomes the foundation upon which all service rests.

Success is comparatively slow but keen personality and tact are two essential qualities necessary for progress in any social enterprise and with these attributes the worker must fortify himself. As Fuller said:

"Chaste in his life, just in his dealings, true of his word, merciful to those that were under him, and hating nothing so much as idleness; in matters specially of moment, he was never wont to rely on other men's care, how trusty or skillful soever they might seem to be, but always condemning danger, and refusing no toil; he was wont himself to be one (whoever was a second) at every turn where courage, skill, or industry, was to be employed."

This sounds the keynote of right living and right thinking the noblest ideal a man may hope to attain to win the respect of mankind.

#### COLLEGE ENTRANCE AGE.

The following article by Dr. Henry Louis Smith, President of Washington and Lee University, taken from the New York Times, will be of interest to all students.

To parents endeavoring to find out whether their sons are "old enough" to go to college and "ready" for college work, a few suggestions born of long experience may be helpful.

First: A boy is "old enough" to go to college when he is mature enough to control his own actions and spend wisely his own money. Ordinarily this age is reached at about 18, sometimes at 17, not often earlier than the latter age, and frequently not till the young man is 20 or 21. A boy who must be "made" to go to bed and to get up in time for breakfast, "made" to go to school each morning, and to prepare his lessons each evening, and who cannot be trusted to spend his own pocket money is not "old enough" to go to college, whatever may be his age, height, weight, and company manners.

Second: A boy is "ready" to undertake the difficulty of college studies when he has learned to study his daily lessons resolutely without any compulsion and has successfully completed a good high school course, consisting of four years of study.

Of course, a boy of unusual ability, maturity, and resolute determination, who cannot have access to a four-year high school, might wisely go to college and enter the race with inadequate preparation. Difficulties to such men are a stimulus, rather than a discouragement. But the ordinary high school student has no conception of the difficulty of college courses. His attempt to "save" a year may involve a vain and hopeless effort to keep up, then the despairing relinquishment of further useless labor, and the idleness which is so often the open gateway to moral deterioration.

Thorough preparation makes university study congenial, successful, and inspirational; allows leisure for athletics, social life, and outside literary work, and gives that sureness and self confidence so necessary to success in life. When to intellectual preparation are added vigorous health, correct habits, and a strong personality, a young man's success in his college course is practically assured.

## INTERCOLLEGIATE ATHLETIC CONTEST

BECOMES NECESSARY WITH GROWTH OF COLLEGE

### "ATHLETIC TRAMP" ELIMINATED

By Freshman Rule, Explains H. F. Moore, '98, Professor of Engineering Materials University of Illinois

Whenever the student membership of a college grows beyond two or three hundred the relation of intercollegiate athletics to the scholastic work of the college becomes a serious problem. In his experience with three universities the writer has observed two especially troublesome phases of this problem. The longing for victorious teams tends to lead to the encouragement of "athletic tramps," men who have no scholastic interest in the college, and who frequently wander from college to college as "inducements" are offered. Discussion is hardly necessary to demonstrate undesirability of such members in a student body. A second difficulty is found in the case of "athletic stars", bona fide students, it may be, but men who play football in the fall, basketball in the winter, and baseball in the spring shutting out other students from the possibility of "making the team" and shutting themselves out from full participation in the benefits of class room work and study.

#### ATHLETIC LIMITATIONS

It has been proposed to limit the number of athletic activities in which a student shall be allowed to participate, the idea being that with such limitation more students can take part in intercollegiate athletics, and that the attractiveness of college to the athletic tramp will be diminished. The writer believes that such an action might do some good if adopted by a group of colleges, but doubts whether it would do



HERBERT F. MOORE, '98

a great amount of good. When the men students in a college come to number two or three hundred or more only a small minority can have any part in intercollegiate athletics, outside of the grandstand. If a general participation in athletics is desirable, and the writer believes it is, the encouragement of intra-collegiate athletics, class games, fraternity and club games, etc., seems a more promising method to follow than the limitation of individual athletic activities.

The Western Intercollegiate Conference (the "Big 9" comprising Ohio, Indiana, Illinois, Wisconsin, Minnesota, Iowa, Purdue, Northwestern and Chicago) have handled the problem of the "athletic tramp" and the general problem of professionalism in athletics by two rules: first, the so-called "freshman rule," which requires a full year's residence in college before a student is eligible for any athletic team; and second, the "scholarship rule," which requires that to be eligible for a team a student must be carrying a full course, and must have a class record free from a single condition or failure which has not been made up. No man back in a single study can play on a team. The athletic tramp is not willing to do a full year's work before he "makes the team" and it was found that the freshman rule practically eliminated him. The athletic star found it pretty hard to carry a full course of study and an athletic activity all the year round.

The experience of the Western Conference with these two rules has been so satisfactory, and the character of athletics has so improved since their adoption that the writer believes that similar rules might be equally desirable at New Hampshire.

## SUMMER SCHOOLS FOR NEW HAMPSHIRE COLLEGE

William C. Krook, '14, Instructor in Manual Training and Drawing at Walker School in Portland Believes Them Feasible.

The rapid growth and development of New Hampshire College are being watched with great interest by the Alumni.

Each year increases the number of individuals, in the state and elsewhere, reached by the College departments. This development is being brought about by the ever-increasing efficiency of the College administration, active extension work, broader curricula and a larger faculty.

In addition to all this, there is another project along educational lines that should be carried on at New Hampshire.



WILLIAM C. KROOK, '14

Nearly all of the important colleges have summer schools and New Hampshire should be among those offering such courses. In establishing summer schools, not only would the College be taking an important and necessary step in its progress, but it would open up another field of service.

#### THE ADVANTAGES.

A great many benefits are to be derived from summer schools. They would be helpful to several classes of students: first, teachers in the public schools wishing to fit themselves for better positions, second, undergraduates, who wish to study in advance the subjects in their curricula, those who may have deficiencies, or those who wish to supplement the work of the regular session; third, those who wish to carry on work for the master's degree outside of the regular session; fourth, teachers and others who wish to do work of college grade for college credit, fifth, students in laboratory courses who may have opportunity for continuous work.

The courses offered should be those of the greatest practical value, and should cover the most important phases of subjects, such as chemistry, education, English, French, German, history, agriculture, mathematics, physics, sociology, psychology, manual arts, home economics, engineering, drawing and economics.

There are no reasons why New Hampshire College should not conduct a summer term. A few years ago such a move was, perhaps, not practical. Now, the acquirement of better dormitory facilities has removed the last obstacle as far as the College itself is concerned. The state must be made to see that an appropriation for such an undertaking would be a well paying investment.

Other colleges are carrying on summer schools successfully. New Hampshire College cannot afford to be in the background.

#### SUGGESTIONS FOR ALUMNI ASSO.

Concluded from page 5

Alumni Association was not defunct. Were you there? If not, just write Sanborn and ask him what you can do for athletics at New Hampshire College. We suggest now that this Boston section become the athletic section of the Alumni Association.

The association is to hold a banquet soon and your presence is necessary to make the affair a success. It is not too early to plan for the class reunions at commencement. Come on, let's get back on the old stamping ground again, and breathe the old spirit. It's strongest there, but you have it, we all have it, and it is sufficient to inspire the greatest efforts of service for our Alma Mater. All together now—"Do it for New Hampshire."



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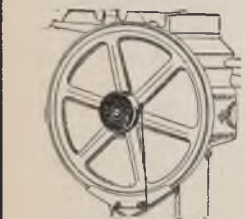
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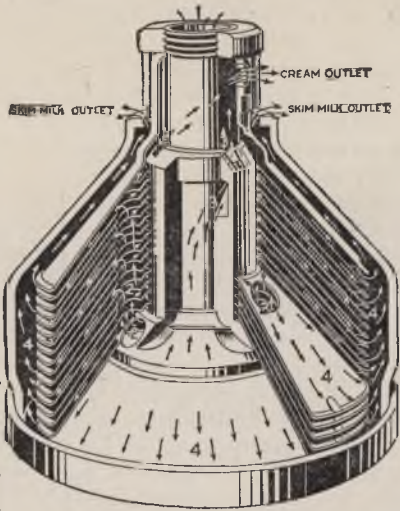


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## ENDORSES MORE FLEXIBLE ENTRANCE REQUIREMENTS

J. C. Page, '08 Principal of Newbury High Shows Why Secondary Schools Can Not Especially Prepare for College

As an alumnus I am glad to respond expressing my approval of the present and more flexible system of entrance requirements to New Hampshire. This change seems to me very much in keeping with the progressive spirit of the whole institution.

When a former student sees, or thinks he sees, the "bars let down" there is at first a tendency to object. But this tendency is short-sighted and cannot endure.

Until comparatively recently the colleges have dictated to the high schools telling them what they must teach and how they must teach it. Colleges which didn't do so were not of high standard, and high schools which didn't accept the dictation met with disapproval. This was all wrong. The secondary schools must be left "arms free" to give to the masses that come to them just the very best training that that can in the best way that they can; and colleges, particularly the land grant colleges, ought to be prepared to take the pupils so educated, and carry them beyond. The interests of the whole public school system is therefore furthered by establishing greater entrance flexibility, both as to subject accepted and as to topics included.

I will illustrate the latter point by a high school class that I have at present in biology. More than half the entire time of the class is taken up by a survey of the local fauna and flora. These are studied economically, scientifically, aesthetically. The pupils are intensely interested and no one can watch this course and doubt its significance and value. Yet, in no adequate way will such material cover the ground in an ordinary so-called first-class biology syllabus. On the contrary there is a multitude of stereotyped, uninteresting and unimportant subjects which, to meet this, must be added, over straining the pupil and impairing the efficiency of the course. Under the system of flexibility and approval some of this pressure is relieved, for there is always the possibility that causes of genuine merit will be recognized by an intelligent approver, and thus accredited as they stand. And needed new courses may be added and accredited in the same manner.

The present system at New Hampshire is not radical. There are a large number of American colleges that have similar entrance requirements.

But no system is without its faults. At best, each change is but a few steps forward. In the present system I see what appear to me several little chances for improvement. However only one will I mention. To a high school principal the chief difficulty on the present system might lie in the word "approved" as applied to the high school. Theoretically this word designates the schools of high scholastic standards.

In spite of the objections of the thoughtless who mistake flexibility for laxity, I believe that, for both the high schools and the college, the changes are working in the right direction. The public high school cannot be dominated by the college because it cannot afford to ignore the welfare of its multitude that may never reach college; nor yet can it, in wisdom and justice, force high school freshmen, with responsibility, to state their ultimate aims. On the other hand the college cannot afford to bar from its doors, by arbitrary and inefficient standards, many who can show their strength, if given the chance.

### NEW HAMPSHIRE ALUMNUS HEADS MILITARY DEPARTMENT HERE.

The news of the change in the head of the military department appears very appropriately in this alumni edition, for Captain Charles A. Hunt, recently detailed for service here, was graduated from New Hampshire in 1901. While in college Captain Hunt played on star football teams and also won his letter in baseball. After graduation he entered the army and, as a lieutenant, in 1912, he returned to New Hampshire as professor of military science and tactics. Since 1915 he has been on active service in Texas and Arizona and is now beginning what will probably be a three or four-year term here.

As yet Captain Hunt has not fully completed his plans for this Spring's work in drill, which will start April 4. However it will probably be along somewhat the same lines as last years and will be held for three hours each Wednesday afternoon.

### F. S. PUTNEY, '05, SHOWS WORTH OF PENN. STATE HONOR SYSTEM.

Is the honor system of practical value in student government? According to its history at Pennsylvania State College, the question may be answered in the affirmative.

There every student gives a written pledge with each quiz or exam that he has neither given nor received dishonest assistance of any kind. If he fails to place it on his paper and refuses to do so after being notified, he is reported to the honor committee. If he still refuses to sign, his refusal is taken as an admission of dishonesty and he is punished accordingly. If a student detects any apparent dishonesty, he is expected to inform the offending person of his detection. If the offender persists, then the attention of at least one other is called to it. If that is insufficient, then the case is left to the honor committee. In an examination the instructor stays in the room or leaves at the option of the majority of the class. Should he remain, he does not act as proctor. If he discovers any evidence of dishonest work, he turns it over to the honor committee for investigation.

The honor committee consists of the Student Board and investigates all charges brought against individuals Counsel and witnesses are used and the trial is conducted as secretly as circumstances permit. A unanimous vote of committee is necessary for conviction.

For the first conviction of dishonesty the convicted is suspended from college for one year with the privilege of returning, according to the regulations of the college, at the beginning of the corresponding semester in which he was suspended. Upon a second conviction, a student is permanently dropped from college.

From my personal experience with this system, am convinced that it is working satisfactorily. For the instructor it certainly is an improvement over the old system, where he was supposed to be a spy. Some may ask the question, "Will students expell their own members from college?" To answer that it is only necessary to know that last year the student board sent home fifteen members of the student body, because of dishonest work in examination, and that the largest number ever expelled by the faculty for the same reason in one year was five.

The student honor system at the Pennsylvania State College is only one more step in student government and while each student signs a pledge that he has neither received nor given help, yet every student is bound to report every case of dishonest work that he sees, or at least he must warn those doing the dishonest work and must see that they stop. In a way, therefore, it is not strictly an honor examination, but the enforcement of honesty passes from the instructor to the student body.

I believe that the honor system has not lost any of its friends at the time of its inauguration, and some instructors who objected to its being put into force now favor it.

### COMMITTEE WANTS SUGGESTIONS FOR NEXT NEW HAMPSHIRE DAY.

The New Hampshire Day committee announces its suggestion that Wednesday, October 17 of next fall he made the next New Hampshire Day; and the students are asked to offer suggestions to the committee as to what would be a suitable undertaking.

The remaining \$128 in the treasury will be used to finish as far as is possible the work upon the athletic field. Dean Hewitt will have charge of connecting the new tile to the big pipe. Prof. Porter will have charge of what blasting is necessary and Athletic Director Cowell will have charge of the cleaning up and finishing necessary.

### CALENDAR OF EVENTS Concluded From Page 1

Tuesday, April 17—College opens at 8 A. M.  
Wednesday, April 18—Commons Club party.  
Thursday, April 19—Fast Day, college holiday. Alpha Zeta initiation.  
Friday, April 20—Pi Delta party at Morrill Hall.  
Engineering Society party in Thompson Hall.  
Saturday, April 21—Interclass and intercompany track meet at Durham.  
Monday, April 23—Engineering Society meeting in DeMeritt Hall.  
Friday, April 27—Phi Alpha Phi dance.  
Monday, April 30—Lecture course number, Zoellner Quartet.

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**"THE CHURCH MILITANT."**

10.45 A. M.—Morning Worship—Subject: "The Church Militant."  
12 M.—Church School.  
5 P. M.—Vespers.  
7 P. M.—Y. M. C. A. Bible Class.

Vespers will be held every afternoon during Holy Week from 5 to 5.30 P. M.

## VARIOUS RECORDS MADE BY FORMER N. H. TRACK MEN

Many Old Records Equalled or Bettered by Last Year's Team—More Likely To Be Broken

At the beginning of the track season it is usually customary to predict the various records which are likely to be broken. Since there is some doubt as to the real records, these have been carefully looked up and are presented below.

100 yard dash:—10 1-5 seconds. Made May 29, 1915, by P. S. Ward, '16. Equalled May 12, 1916, by E. S. Ross, '17.

220 yard dash:—22 3-5 seconds. Made May 29, 1915, by P. S. Ward, '16.

120 yard high hurdles:—17 1-5 seconds. Made May 31, 1913, by C. A. Reed, '15. Equalled May 22, 1915, by C. W. Davis, '15. Equalled June 5, 1915, by R. S. Groves, Special.

220 yard low hurdles:—27 2-5 seconds. Made May 6, 1916, by H. G. Hewey, '18.

440 yard run:—53 seconds. Made May 29, 1914, by P. S. Ward, '16.

880 yard run:—2 minutes, 3 seconds. Made June 3, 1916, by S. W. Wentworth, '17.

1 mile run:—4 minutes, 43 3-5 seconds. Made June 3, 1916, by G. T. Nightingale, '19.

2 mile run:—9 minutes, 46 seconds. Made May 27, 1916, by G. T. Nightingale, '19.

16 lb. shot put:—37 feet, 7 1/2 inches. Made June 3, 1916, by R. H. Harvell, '19.

16 lb. hammer throw:—116 feet, 83-4 inches. Made May 29, 1915, by R. W. Huse, '18.

Discuss throw:—110 feet, 1 inch. Made May 27, 1916, by C. B. Wadleigh, '18.

Running high jump:—5 feet, 7 inches. Made April 29, 1916, by J. H. Rollins, '17.

Running broad jump:—21 feet, 43-4 inches. Made May 26, 1915, by C. W. Davis, '15.

Pole vault:—11 feet. Made May 6, 1916, by M. H. Brill, '18.

## HAVE RECORD ATTENDANCE AT "BEEF STEAK SUPPER" TO MEN.

Last Monday evening there was an attendance of 112 at the "beef steak" supper, given by the Knights of Pythias at the Grange hall to the Men's club of Durham.

This was the largest attendance on record, and from all reports, the affair was a grand success in every way. A splendid supper was served and they listened with interest to J. Franklin Babb of Haverhill. Mr. Babb is a well known speaker to many New Hampshire College students, having spoken at the Aggie club and to other organizations here.

The remainder of the evening was taken up by a reader from Dover and a magician. The party broke up at a late hour, after spending an evening of mirth and good fellowship.

## INFORMAL DANCE IS ENJOYED BY GAMMA THETA FRATERNITY.

The Gamma Theta Fraternity held an informal dance at Thompson Hall last Saturday, March 24, which was attended by Freshmen, alumni and active members. Dancing was in order until eleven o'clock, when the party went to the fraternity house where refreshments were served.

The hall was decorated in the Fraternity colors of green and white and the Greek letters "Gamma Theta" were worked in electric lights on the basketball back board in front of the stage. Evergreen banked the front of the stage and the stage itself was cosily furnished with easy chairs, pillows, etc.

The chaperons were Professor and Mrs. C. C. Steck, Miss C. A. Black and T. O. Smith.

Music was furnished by Brown, Prescott, Dodge, and Holworth.

## STANDARD-FORM PHOTOGRAPHS TO AID TRACK MEN IN DETAILS.

The set of standard-form photographs which have been hung in Coach Cowell's office has attracted some attention. They are snapshots showing the successive positions in the different track and field events, and they are taken of some of the best performers of the country. The purpose of these pictures is to show the candidates for the team the form for which they should try and they help to make clear all the little details which are necessary for a record-breaking track team.

## BASEBALL SQUAD INCREASED TO SIXTY AS SEASON GROWS.

The baseball squad has increased to 60 men, and this large group is working daily in the Gym. The work consists of setting-up exercises and a few laps on the track to take the kinks out of their legs. Wednesday the men were out-doors for the first time. The prospects for a good team are excellent and from all indications the team will be the best for some time. Reports have it that there are men who are good players and heavy hitters among the Freshmen candidates. Of the total squad there are 10 battery men out, including Captain Brackett and Humiston, one of last year's dependable combinations. There are nearly 20 infielders out, and more are expected. Among these are Irvine, Blatchford, and Broderick. The rest of the squad are outfielders, including Meserve and Cullinan from last year's team.

The first game is scheduled for April 21 with Boston College at Boston. Past scores with Boston College have been:

1899	Boston College	20	N. H.	4
1903	Boston College	7	N. H.	1
1906	Boston College	7	N. H.	6
1908	Boston College	5	N. H.	15
1909	Boston College	7	N. H.	6
1910	Boston College	7	N. H.	4
1914	Boston College	10	N. H.	0

## THE 1918 GRANITE.

The end is fast approaching—an avalanche of new Granite is hovering over the brink, perhaps to descend at any moment without warning upon 650 unsuspecting students. Are these students prepared? Can they avert it? Yes, by buying a Granite. A book that would hit a non-purchaser like a chunk of scrap iron is magically changed to a bunch of forget-me-nots as it seeks the hands of its owner.

The publication of the college annual is a serious business undertaking, and yet some do not yet appreciate its significance to the individual student and to the college. To purchase a Granite is to show a man's interest in college life, with all its seriousness and humor, his desire to get into the game and feel that he really belongs here. Not only that, but it shows his keenness in sensing a good business proposition.

Although there are at least a hundred more students here, only 400 copies have been printed, the same as last year, the object being to ensure a clean sale. More books have been sold to date than were sold at this time last year. Seriously consider these facts. Do not depend upon any surplus being left over. Save yourself a very possible disappointment by ordering a Granite without delay.

## JUNIOR TEAM WINS BASKETBALL GAME FROM SOPHOMORE GIRLS.

The girls won a very satisfactory victory for the class of 1918 at the Junior-Sophomore basketball game on Monday afternoon by the score of 20 to 14. Last year 1919 had a stronger team, winning 12 to 6. The game was quick throughout, but was very snappy during the last period. The shooting of Erma Lary, '18, was excellent, netting 7 baskets. Miriam Sanders, '19, scored 12 of the 14 points for the Sophomores. The playing of Lucile Gove, Eva Eastman, and Olive Ashford was also of good quality.

The summary:  
1918  
E. Lary, lf rg, A. Kemp  
E. Walker, rf lf, M. Pinkham  
L. Gove, c c, M. Sanders  
M. Hoitt, rg lg, O. Ashford  
E. Eastman, lg rg, G. Hale  
Score—1918, 20; 1919, 14. Baskets from floor: Lary, 5; M. Sanders, 6; Gove, 2; Walker, 1; Kemp, 1. Baskets from fouls: Lary, 2. Time two 10-m periods. Scorer, Beatrice Fall, '17. Linesman, Julia Roberts, '17. Referee, Miss Rollins.

## C. H. BATCHELDER LEAVES N. H. TO ACCEPT POSITION AT U. OF M.

C. H. Batchelder of the Zoology Department left here on Saturday, March 24, to accept a position at Orono, Maine where he is an assistant in zoology. Mr. Batchelder's loss to the college will be keenly felt by many here. He was always willing to help out in any way possible anything in the interest of New Hampshire. Mr. Batchelder obtained his master's degree from this college in 1915 and has contributed many promising articles to scientific magazines.

## BULLETIN ON SOY BEAN PRODUCTION AND USES

Experiments Show That Crop Can Profitably be Used as Supplement to Protein Feeds

That the soy bean is a crop which can be utilized on many dairy farms in the state is the idea brought out in Experiment Station Bulletin 181 entitled "The Soy Bean in New Hampshire," by Ford S. Prince.

Soy beans have been grown on the College Farm for several years. Last year 23 varieties were tested out, and analyzed to determine their feeding value. The best varieties yielded about 10 tons of green weight per acre, carrying approximately 750 pounds of protein. This is as much protein as can be produced in 3 tons of red clover hay. Our farmers purchase annually large quantities of protein in grain, oil meal, etc. They could afford to grow more protein on their farms in soy beans. clovers and other legumes to take the place of part of these high-priced protein concentrates.

## BEST VARIETIES

In these tests a few varieties seem to be better producers than others, notably the Guelph or Medium Green, Hollybrook, Ito San, Wilson, Black Champion and Mammoth Yellow.

The soy bean is chiefly recommended as a silage crop to supplement corn. For silage it should be seeded separately in rows and mixed with the corn as it goes into the silo, or it may be seeded in the same rows with corn if the conditions are right.

The soy bean can also be used for hay, soiling, seed production and as a green manure. But it is recommended for our use chiefly as a crop for the silo.

Besides recommendations as to its utility, the bulletin describes cultural and harvesting methods which should be employed with soy beans, and also a very interesting experiment on their inoculation.

The bulletin, which will be ready for distribution in a few days, can be obtained from the Experiment Station.

## HORTICULTURAL DEPARTMENT BUSY WITH SPRING PRUNING.

The Horticultural Department is busy with the Spring pruning and expects to complete the work in a week or two. The spraying this year will be done entirely by power. The department is planning to put in new orchards of apples and peaches at the new Woodman farm. Probably a small vineyard will be started, if suitable ground is obtainable.

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